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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

COUNTRY Germany (Russian Zone)
SUBJECT Construction of Turbines

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THIS DOCUMENT HAS AN ENCLOSURE ATTACHED.

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SUPPLEMENT TO REPORT NO. 25X1X

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The attached report on construction of turbines and power projects is sent to you for retention in the belief that it may be of interest to you.

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1. The grounds around the Bergmann-Borsig VEB-EKM, Berlin-Wilhelmsruhe, Lindenallee, are being cleared of rubble in order to make way for the construction of a new turbine shed (Turbinenhalle). At several points the concrete foundation for the shed has already been laid. At present about 100 persons, working without machines, are employed in this construction work. The entire construction site is fenced in with barbed wire and surrounded by guard towers.
2. Occupying the same premises as the Bergmann-Borsig concern but not organizationally connected with it, the Projektierungs und Konstruktionsbuero fuer die Energiewirtschaft is currently working on the following projects:
3. The construction of a 12,500 kw turbine. The work on this project is 80% completed. Later, four such turbines are to be produced, the first having already been designated for the firm Grube Leopold in Bitterfeld. These turbines are supposed to operate at a steam pressure of 40 atmospheres. Provisionally they will have to be delivered with a valve set-up for 13 at, however, since at present only boiler installations for 13 at are at hand. These turbines will be built by the firm Wumag in Goerlitz. No turbines can as yet be built at the Bergmann-Borsig firm since the necessary installations and plant sheds are not as yet ready.
4. The construction of a 10,000 kw preheat turbine (Vorwaermturbine) is likewise 80% completed. This turbine is to be used in connection with the third main turbine in the Kraftwerk Klingenberg. The third main turbine at the Klingenberg power plant is being completely overhauled at the Bergmann-Borsig firm. The installation is supposed to be ready by the fall of 1950. Since the necessary testing equipment is not at hand, the technical staff at Bergmann-Borsig and the Kraftwerk Klingenberg are very concerned about the first attempt to operate the installation.
5. Repair orders from the power plants of the DDR. The Eastzonal power plants are in thorough need of overhauling.
6. In July 1950 two employees of the power plant planning section of the Projektierungs und Konstruktionsbuero made a four-weeks' trip to Poland for the purpose of orientation on new orders. These two persons were Herr Boettcher, who resides in Eichwald near Berlin, and Ing. Modes, Berlin-Wilhelmsruh. The leader of the section, Herr Marschewski, was not allowed to accompany his colleagues, since he resides in West Berlin (Reineckendorf). Until recently a Polish order for a power plant in Stettin was discussed in the bureau. This order was not given to the DDR, however. Projects for four Polish power plants, for the cities of Lodz, Konin, Ostrolenko, and Auschwitz, are at present being drawn up in the planning section. Estimated cost of constructing these four plants is 600 to 800 East marks. According to Boettcher and Modes, the final orders for these plants have not yet been given.
7. The German high-sea steamship, Albert Ballin (later called the Hansa), which was sunk in the Baltic during the last year of the war, was recently raised on Russian orders. The Bergmann-Borsig firm has the order to renovate the modern turbine installation, 28,000 horsepower, of the Albert Ballin. At the same time the Soviets have ordered the Projektierungs und Konstruktionsbuero to make blueprints of these turbines, in order that they could be manufactured in Russia.
8. The planned construction project of a 25,000 kw turbine has not as yet begun.

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